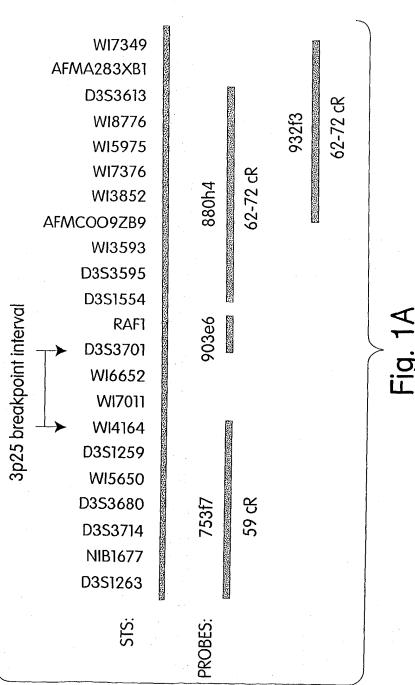
PAX8-PPARy NUCLEIC ACID MOLECULES AND POLYPEPTIDES AND USES THEREOF

Jonathan A. FLETCHER et al. Serial No.: 09/765111

Attorney Docket No.: B0801/7196 Express Mail No.: EL 844 535 139 US Date of Deposit: February 11, 2002



PAX8-PPAR $_{\gamma}$ NUCLEIC ACID MOLECULES AND POLYPEPTIDES AND USES THEREOF

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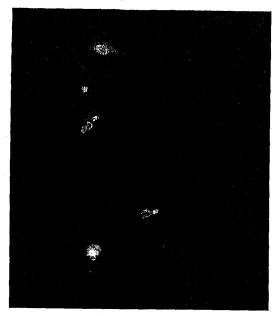


Fig. 1B

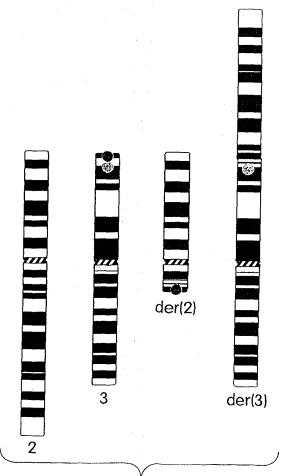
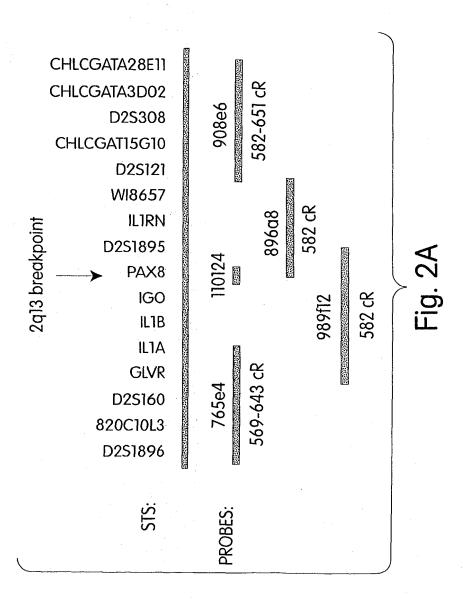


Fig. 1C

PAX8-PPARy NUCLEIC ACID MOLECULES AND POLYPEPTIDES AND

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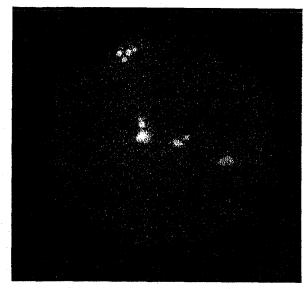


Fig. 2B

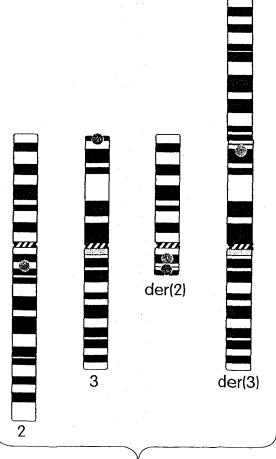


Fig. 2C

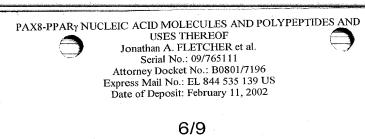
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PPARY NUCLEAR RECEPTOR DOMAINS **E/F** А U A/BPAX8 DNA BINDING DOMAINS 且

CAG CAG TTG ACA CAG TTG ACA ACA \mathtt{TTG} TGG TGA CCA TGG 7gG CCA SCA TGA TGA AAA AAA AAA CAG CAG TGG CAG TCT TGG PAX8e7-PPARyel: AGA CCT ACC CCG TGG PAX8e8-PPARyel: CGG GCC AGG CCC TCC TGG CAG PAX8e9-PPARyel:

Fig. 3A



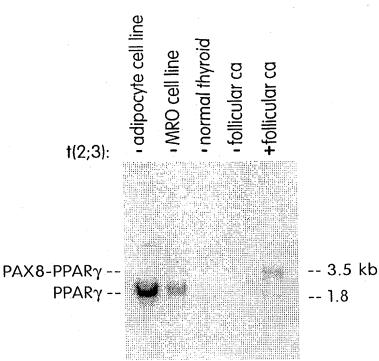


Fig. 3B

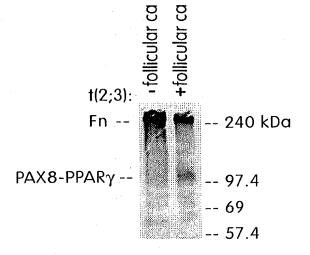


Fig. 3C

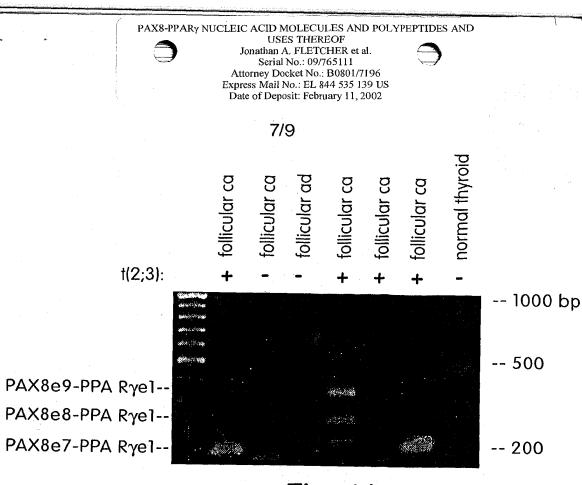


Fig. 4A

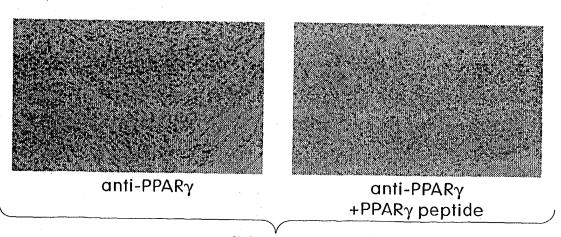


Fig. 4B

THYROID NEOPLASM	RT-PCR	IMH
Follicular Carcinoma	5/8	7/8
Follicular Adenoma	0/20	0/20
Papillary Carcinoma	0/10	0/10
Multi-nodular Hyperplasia	0/10	0/10

Fig. 4C

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TRANSACTIVATION LIGAND BINDING RXR DIMERIZATION LIGAND BINDING RXR DIMERIZATION **IRANSACTIVATION TRANSACTIVATION** ALVEOLAR RHABDOMYOSARCOMA: 1(2;13)(q35;q14)--->PAX3-FKHR **DNA BINDING** ACUTE PROMYELOCYTIC LEUKEMIA: $t(15,17)(q22;q11-21)--->PML-RAR\alpha$ 呆 PPAR_γ THYROID FOLLICULAR CARCINOMA: 1(2;3)(q13;p25)--->PAX8-PPARy RAR **DNA BINDING** PAX3 PAX8 PM **DNA BINDING DNA BINDING DNA BINDING**

Fig. 5

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